This is the 7th annual neuro-ICU symposium at UCLA, featuring a two-day conference designed to discuss innovative strategies to treat neurotrauma, cardiac arrest and other neurologic emergencies.

**FACULTY**

**GUEST FACULTY**

**Thomas P. Bleck, MD, FCCM**
Professor of Neurological Sciences, Neurosurgery, Medicine, and Anesthesiology
Assistant Dean, Rush Medical College
Associate Chief Medical Officer (Critical Care)
Rush University Medical Center
Founding Past President, The Neurocritical Care Society
Chicago, Illinois

**Patrick Kochanek, MD**
Professor and Vice Chairman Department of Critical Care Medicine
Professor of Anesthesiology, Pediatrics and Clinical and Translational Science
Director, Safer Center for Resuscitation Research
University of Pittsburgh School of Medicine
Pittsburgh, Pennsylvania

**Stephan A. Mayer, MD, FCCM**
Professor of Neurology and Neurological Surgery
Columbia University College of Physicians & Surgeons
Director, Neurocritical Care
New York Presbyterian Hospital/Columbia
New York, New York

**Paul E. Pepe, MD, MPH, FACEP, FCCM, MACP**
Professor of Surgery, Medicine, Pediatrics, Public Health
Riggs Family Chair in Emergency Medicine
The University of Texas Southwestern Medical Center
and the Parkland Health and Hospital System
Director, City of Dallas Medical Emergency Services
for Public Health, Public Safety and Homeland Security
Medical Director, Dallas Metropolitan Medical Response System (MMRS) and the
Dallas Metropolitan BioTel (EMS) System
Dallas, Texas

**Murray Stein, MD, MPH**
Professor
Department of Psychiatry and
Department of Family & Preventive Medicine
University of California San Diego
La Jolla, California

**COURSE DIRECTOR**

**Paul M. Vespa, MD, FCCM, FAAN**
Professor of Neurosurgery and Neurology*
Director, Neurocritical Care
Ronald Reagan UCLA Medical Center

**UCLA FACULTY**

**Henry Cryer, MD**
Professor of General Surgery*
Department of Surgery

**Jonathan Hiatt, MD**
Professor and Chief* General Surgery

**David Hovda, PhD**
Professor and Vice Chair of Research and Academic Affairs*
Department of Neurosurgery
Director, UCLA Brain Injury Research Center

**Yince Loh, MD**
Clinical Instructor*
Department of Neurosurgery and Radiological Sciences

**Marc Nuwer, MD**
Chair and W. Eugene Stern Professor*
Department of Neurosurgery

**Neil Martin, MD**
Chair and W. Eugene Stern Professor*
Department of Neurosurgery

*David Geffen School of Medicine at UCLA
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<tr>
<th>Time</th>
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<td>Registration and Continental Breakfast</td>
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<tr>
<td>7:55</td>
<td>Welcome and Introductory Comments</td>
<td>Paul Vespa</td>
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<tr>
<td>8:00</td>
<td>Trauma: Triage and Emergency Surgery</td>
<td>Henry Cryer</td>
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<td>8:30</td>
<td>Mass Casualty Trauma: Plans for Treatment</td>
<td>Jonathan Hiatt</td>
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<td>9:00</td>
<td>Sex, Drugs and R&amp;R (Reanimation &amp; Resuscitation): The Evolving Role of Sex Hormones in Resuscitation</td>
<td>Paul Pepe</td>
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<td>9:30</td>
<td>Break</td>
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<td>10:00</td>
<td>Neurotrauma: Triage, Telemedicine and Transfer</td>
<td>Paul Vespa</td>
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<td>10:30</td>
<td>Neurotrauma: Implementing Treatment for Military Casualties</td>
<td>Yince Loh</td>
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<td>11:00</td>
<td>Pediatric Neurotrauma: What is Different</td>
<td>Patrick Kochanek</td>
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<td>Neurotrauma: Designing a Novel Treatment</td>
<td>David Hovda</td>
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<td>12:00</td>
<td>Special Guest Presentation (Not CME)</td>
<td>David Hovda</td>
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<td>Lunch</td>
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<td>2:00</td>
<td>Neurotrauma: Post-traumatic Stress Disorder</td>
<td>Murray Stein</td>
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<td>Jumpin' Jack Flash: It's a Gasp!</td>
<td>Paul Pepe</td>
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<td>3:00</td>
<td>Cardiac Arrest: Therapeutic Hypothermia</td>
<td>Stephan Mayer, Thomas Bleck</td>
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<td>3:30</td>
<td>Cardiac Arrest and Suspended Animation in Trauma</td>
<td>Patrick Kochanek</td>
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<td>4:00</td>
<td>Faculty Question and Answer Session</td>
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FRIDAY, January 20, 2012

7:00 AM  Registration and Continental Breakfast

8:00  Continuous EEG Monitoring in the ICU
      Marc Nuwer

8:30  Electrical Instability after Brain Injury
      Thomas Bleck

9:00  Surgical Guidelines for Brain Injury
      Neil Martin

9:30  Controversies in Treating Status Epilepticus
      Thomas Bleck

10:00  Break

10:30  Using Brain Monitors to Guide Treatment
       Stephan Mayer

11:15  Using Brain Imaging to Guide Treatment
       Paul Vespa

12:00 PM  Lunch

1:00  Hands-On Training in Brain Monitoring and Imaging or Tour of the ICU
      Faculty and Selected Workshop Assistants

3:00  Break

3:30  Simulation Training in Neurologic Emergencies
      Faculty panel and audience response using principles learned in the
      didactic sessions

4:30  Adjourn
Tuition: Physicians $300.00
Nurses/Nurse Practitioners $200.00
Fellows/Residents $150.00
Industry, Hospital Administrators $500.00

Please print clearly

Specialty

Degree

Name (First, Middle, Last)

Address

City, State, Zip

(Area Code) Business Phone (Area Code) Fax Number

Email Address

Last 4 digits of your Social Security Number

Course Enrollment Options

☐ Check enclosed, payable to: Academic Event Management
☐ Please charge my credit card

Card Number Exp. Date

Signature

Mail completed enrollment form to:
Academic Event Management
1396 Rancho Lane
Thousand Oaks, CA 91362

Fax enrollment form to: 805-494-1103
Register by phone: 805-300-9154
Register by e-mail: pat@academiceventmanagement.com
Register on-line: nsurgnet.medsch.ucla.edu/futureicu/

REFUNDS: Cancellations must be received in writing by December 19, 2011 and will be subject to a $50 processing fee. No refunds will be given after that date. If for any reason the course must be canceled, discontinued, or rescheduled by the Office of CME, a full refund will be provided.
MASS CASUALTY AND TRAUMA:
Important features of care for the multiple trauma patient and mass casualty care as it intersects with brain injury will be discussed.

TRAUMATIC BRAIN INJURY:
Novel discoveries and ICU treatments of TBI, blast injury, and concussion will be reviewed.

CARDIAC ARREST:
Innovative strategies for CPR and therapeutic hypothermia will be assessed.

NEUROLOGIC MONITORING AND BRAIN IMAGING:
Didactic and hands-on sessions in EEG, ICP, microdialysis, brain tissue oxygen, and other monitors will be taught.

SIMULATOR TRAINING AND HANDS-ON WORKSHOPS:
We will feature simulator training and provide hands-on experience for attendees. Hands-on workshops on the use of novel monitoring and treatment techniques will be held.

AUDIENCE INTERACTION:
This is a highly interactive, participatory conference. Each lecture and simulation session will engage the audience utilizing an audience response system.

COURSE LOCATION
UCLA Neuroscience Research Building Auditorium
635 Charles E. Young Drive South
Los Angeles, CA 90095
(Directions and parking information given upon registration)

ACCOMMODATIONS
Hotel Angeleno
170 N. Church Lane
Los Angeles, California 90049
For reservations call: 310-476-6411
Mention “ICU of the Future” for a special rate of $145 plus taxes.
Space is limited. Cut-off date for special rate is January 4, 2012
COURSE INFORMATION

COURSE OVERVIEW
This is a two-day conference designed to discuss innovative strategies for the care of neurological emergencies and neurocritical care in the ICU of the future. This conference will focus on controversies in neurocritical care including discussions on neurocritical care and nursing strategies in the neuro-ICU.

There are many challenges to the delivery of neurointensive care in the emerging future. Intensive care will occupy over half of acute care hospital beds within the next decade and will be the focus of intense pressure to improve care while limiting cost. The design of neuroscience centers of excellence will also be addressed. Pertinent information technology, advanced imaging techniques, and outcomes-based research will be increasingly used to achieve these goals.

TARGET AUDIENCE
Trauma surgeons, neurosurgeons, neurointensivists, military physicians, advanced practice nurses, and intensive care unit nurses are welcome to attend.

OBJECTIVES
At the conclusion of this activity, participants should be able to:

• Diagnose and treat traumatic brain injury including understanding novel concepts about blast injury.
• Diagnose and treat neurotrauma using telemedicine.
• Diagnose and treat cardiac arrest.
• Learn about general trauma care for the shock patient and the interplay between brain injury and multiple trauma.
• Gain a working practical knowledge of advanced brain monitoring in the coma patient.
• Learn and be able to implement therapeutic hypothermia after cardiac arrest.
• Have practical knowledge of neurotrauma via simulation training.

ACCREDITATION
The Office of Continuing Medical Education, David Geffen School of Medicine at UCLA is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Office of Continuing Medical Education, David Geffen School of Medicine at UCLA designates this live activity for a maximum of 11.5 AMA PRA Category 1 Credits™. Physicians should claim only credit commensurate with the extent of their participation in the activity.

Disclosure
The FDA has issued a concept paper which classifies commercial support of scientific and educational programs as promotional unless it can be affirmed that the program is “truly independent” and free of commercial influence. In addition to independence, the FDA requires that non-promotional, commercially supported education be objective, balanced, and scientifically rigorous. The policy further states that all potential conflicts of interest of the CME staff and faculty be fully disclosed to the program’s participants. In addition, policy of the Accreditation Council for Continuing Medical Education now mandates that the provider adequately manages all identified potential conflicts of interest prior to the program. We, at UCLA, fully endorse the letter and spirit of these concepts.
NEUROTRAUMA & NEUROCRIITICAL CARE OF THE FUTURE Symposium at UCLA